

In the Claims

The following is an amendment to and a complete listing of the claims that replaces all prior listings and versions of claims in this application.

1.(currently amended) A lever with cam followers of a cam weave mechanism, said lever being fitted with two rollers supported by a core, while said rollers are each mounted between two flanges of a pair of flanges fitted to said core, characterized in that said flanges ~~(22A, 22B, 23A, 23B)~~ are globally flat, in that a first flange ~~(22A, 22B)~~ of each pair ~~(22A, 23A, 22B, 23B)~~ of flanges is partially engaged in a recessed housing ~~(21C, 21G)~~ made on a lateral face ~~(21D, 21F)~~ of said core ~~[(21)]~~ while the second flange ~~(23A, 23B)~~ of the same pair is held at a distance (E) from the first, and in that the recessed housings ~~(21C, 21G)~~ provided for the first flanges (22A, 22B) of the two pairs of flanges ~~(22A, 23A, 22B, 23B)~~ are made on two opposite lateral faces ~~(21D, 21F)~~ of said core ~~[(21)]~~.

2.(currently amended) The lever as claimed in claim 1, characterized in that it comprises a spacer ~~(24A, 24B)~~ for the spacing of said second flange ~~(23A, 23B)~~ and of said core ~~[(21)]~~.

3.(currently amended) The lever as claimed in claim 1, characterized in that said second flange ~~(23A, 23B)~~ is provided with a heel ~~(23A1, 3B1)~~ for pressing on said core ~~[(21)]~~, said heel making it possible to hold a main portion of said second flange at a distance (E) from a main portion of the first flange ~~(22A, 22B)~~.

4.(currently amended) The lever as claimed in claim 1, characterized in that said core $[(21)]$ is provided with at least one heel ~~(21J, 21K)~~ for pressing on said second flange ~~(23A, 23B)~~, said heel making it possible to hold the main Portions of said first and second flanges at a distance (E).

5.(currently amended) The lever as claimed in ~~one of the preceding claims~~ claim 1, characterized in that the respective mid-planes (P_{20A}, P_{20B}) of said rollers ~~(20A, 20B)~~ are parallel, situated either side of and substantially at equal distances from a mid-plane (P₂₁) of said core $[(21)]$.

6.(currently amended) The lever as claimed ~~in one of the preceding claims~~ claim 1, characterized in that each roller ~~(20A, 20B)~~ is mounted about its respective articulation shaft ~~(27A, 27B)~~ by means of a roller bearing, whose rolling elements ~~(28A, 28B)~~ are held in position by means of two plates ~~(29A2, 29B1, 29B2)~~ placed either side of said shaft, between said shaft and each of the flanges ~~(22A, 23A, 22B, 23B)~~ of one and the same pair, said plates extending radially, from said shaft, at least to said rolling elements, a portion ~~(27A1, 27A2)~~ of said shaft and said plates forming a stack ~~(27A2, 27B2)~~ immobilized between said flanges.

7.(currently amended) A method of manufacturing a lever with cam followers of a cam weave mechanism, said lever being fitted with two rollers supported by a core provided with a bore for mounting on an articulation shaft characterized in that it comprises steps consisting in:

- a) mounting two pairs of two globally flat flanges ~~(22A, 23A, 22B, 23B)~~ onto said core $[(21)]$, partially engaging one flange ~~(22A, 22B)~~ of each pair in a

recessed housing ~~(21C, 21G)~~ made in a lateral face ~~(21D, 21F)~~ of said core,

- b) immobilizing said flanges on said core, particularly by riveting ~~[[(26)]]~~, then
- c) drilling bores for an articulation shaft ~~(27A, 27B)~~ of a cam follower ~~(20A, 20B)~~ to pass into each pair of flanges,
- d) engaging a roller and, where necessary, a portion ~~(27A1, 27B1)~~ of its articulation shaft between the two flanges of each pair, and
- e) installing and immobilizing relative to said flanges all or a portion ~~(27A2, 27B2)~~ of the shafts for articulating said rollers on said lever.

8. (currently amended) The method as claimed in claim 7, characterized in that it comprises a step consisting in interposing a separating spacer ~~(24A, 24B)~~ between another flange ~~(23A, 23B)~~ of each pair and said core ~~[[(21)]]~~.

9. (currently amended) The method as claimed in ~~one of~~ ~~claims~~ claim 7 ~~[[or 8]]~~, characterized in that, during step d), the user also engages, between the flanges ~~(22A, 23A, 22B, 23B)~~, plates ~~(29A2, 29B1, 29B2)~~ for laterally holding rolling elements ~~(28A, 28B)~~ forming a bearing between said roller ~~(20A, 20B)~~ and its articulation shaft ~~(27A, 27B)~~.

10. (currently amended) A cam weave mechanism ~~[[(10)]]~~, characterized in that it comprises at least one lever ~~[[(11)]]~~ as claimed in ~~one of claims~~ claim 1 ~~to 6 or manufactured according to a method as claimed in one of claims 7 to 9.~~

11.(new) A cam weave mechanism, characterized in that it comprises at least one lever manufactured according to a method as claimed in claim 7.